new *for you from* IBM OS/2

What's new

Fall '91: A new 32-bit version of IBM Operating System/2® breaks through—OS/2® Version 2.0. It puts personal computing onto a bigger, better, faster track—and leaves the limits of the past behind. So now businesses of every size can reach entirely new levels of computing capability, compatibility and reliability. At the same time, they'll get plenty of investment protection, gain lots of user friendliness, and much more.

OS/2 "running partners" capitalize on 2.0's power and widen the course: IBM Extended Services for OS/2 offers extensive communications and comprehensive database management capabilities—the ideal combination to get systems and applications talking throughout an enterprise. IBM SAA™ Distributed Database Services/2 (DDCS/2) provides all the right software connections for clients and servers to remote hosts. IBM Local Area Network Server Version 2.0 enhances resource-sharing and reliability for LANs both large and small.

What to expect

- IBM Operating System/2 Version 2.0
- IBM Local Area Network Server Version 2.0
- IBM Extended Services for OS/2
- IBM SAA Distributed Database Connection Services/2 Version 1.0
- Sytos Plus® File Backup Manager Version 1.30
- IBM System Performance Monitor/2 Version 1.0

What it is: IBM Operating System/2 Version 2.0

What it does

Increases your choices and protects your investment by supporting DOS, Windows™ and OS/2 applications alike. Offers true—and extremely reliable—multitasking for applications based on any of these platforms. Taps into the latest microprocessing, memory and storage technology. Features a guided user interface that promotes ease and efficiency. Provides a strong platform for development of advanced applications, thanks to 32-bit addressability.

Who it's for

- Those currently using DOS-, Windows- or OS/2-based applications; those seeking capability to use any combination of the three
- Anyone who wants to better utilize the power of desktop systems equipped with i386™ SX processors and above
- Businesses whose productivity depends on keeping lots of different applications running reliably at once

Key selling points

- Application integration platform
- Investment protection
- Ease of use
- Leadership technology (true multitasking, 32-bit addressability)

(IBM Operating System/2 Version 2.0)

Feature	Benefit
Application integration platform	• Protects your software investment by supporting most DOS and Windows 2.0 and 3.0 applications "as is"
Preemptive multitasking	• Enables reliable concurrent execution of multiple DOS, Windows and OS/2 applications
Application protection	• Reduces the likelihood of any one application "hanging" your system
32-bit addressability	• Provides a strong platform for development of advanced applications • Offers a way to double the performance of certain low-level functions
Advanced memory technology	• Recognizes and utilizes all available memory • Permits increased use of virtual memory—limited only by available disk space
Enhanced file system design	• Makes file systems easily installable • Simplifies support of specialized storage media (like CD-ROM) • Utilizes SCSI hardware performance features
Object-based user interface	• Offers simple-to-use iconic "drag and drop" capabilities • Provides a single, easy approach to managing printers, drives, files and programs

What it is: IBM Local Area Network Server Version 2.0

What it does

Provides smooth resource-sharing to help keep work-groups productive and system costs down. Includes new features that pay off in greater network reliability, faster access to data, and increased security. Offers a choice of two configurations: Entry or Advanced.

Who it's for

- Companies with Ethernet, IBM Token-Ring or PC Networks
- Those who need capability to support a network of workstations with or without media

Key selling points

- High-level performance and reliability
- Enhanced LAN security
- Capability to support both DOS and OS/2 workstations

Feature	Benefit
i386 High-Performance File System (Advanced configuration)	• Boosts overall system performance by decreasing the access time to data on the server's hard disk • Provides additional security by requiring a local log-on
Disk fault tolerance (Advanced configuration)	• Supports disk duplexing and disk mirroring • Allows detection and correction of disk errors
Single-system image	• Gives you easy access to local and remote information from workstations via menus • Simplifies operation by making the client/server architecture appear as one integrated system
Support for up to four adapters	• Provides access to the same server from up to four different LANs
Remote Initial Program Load (RIPL)	• Allows you to download software from the server to diskless workstations
Uninterruptable Power Supply (UPS) support	• Permits an orderly shutdown of your system following a power failure

What it is: **IBM Extended Services for OS/2**

What it does

Includes a comprehensive Database Manager that helps you manage information, a Communications Manager that lets you move it with ease. Turns OS/2 2.0 multitasking capability into concurrent workstation-to-host sessions, simultaneous database client/server interactions, and efficient LAN communications. Enhances data reliability and system availability for DOS, Windows and OS/2 applications alike.

Who it's for

- Enterprises requiring support for widespread communications, peer-to-peer operations, and distributed processing

Key selling points

- Extensive communications
- Comprehensive database management
- "Industrial-strength" data protection and integrity

Complementing Extended Services: IBM SAA Distributed Database Connection Services/2 Version 1.0

- Provides software connections for Database Manager clients and servers to databases on remote hosts
- Using Distributed Relational Database Architecture (DRDA), automatically sends requests where they need to go
- Comes in a single-user or a multiuser configuration that enables a workstation to function as a server gateway

Feature	Benefit
Communications Manager	• Gives you flexibility to support a variety of IBM and non-IBM host-connected applications on a single workstation • Offers Network Device Interface Specification (NDIS) support • Provides built-in programming interfaces that facilitate resource-sharing, distributed processing, peer-to-peer interactions, and application migration across a wide range of systems and platforms • Introduces LAN capabilities into the coaxial-wired environment—through 3174 Peer Communications support • Includes 5250 Workstation Feature • Thanks to SNA LAN gateway support, allows a workstation to function as a gateway—providing host access for up to 254 other workstations on an IBM Token-Ring, PC Network, ETHERAND LAN, SDLC switched link, or X.25 network • Facilitates management of databases and servers that are located far from the central host by providing System/370™ NetView® support
Database Manager	• Assures SAA SQL compatibility with the high-level data definition and data manipulation language of most IBM host database management systems • Allows users to issue SQL statements, database environmental commands, and utilities directly from the OS/2 command line • Lets users access, update and administer data—with no need to learn SQL syntax • Downloads, imports and converts data from DB2® and SQL/DS™ host databases • Offers Remote Data Services that give OS/2, DOS and DOS Windows client applications transparent access to remote OS/2 database servers attached to a LAN • Provides a comprehensive set of database administration tools and facilities, including forward recovery and First Failure Support Technology/2 (FFST/2)

Also new

Sytos Plus File Backup Manager Version 1.30

- Can function as an enterprise-wide data backup strategy
- Works with a variety of storage devices on OS/2 and DOS systems
- Provides powerful management features that increase the efficiency of data archiving

IBM System Performance Monitor/2 Version 1.0

- Keeps you aware of system resource usage in your OS/2 1.2 or 1.3 environment
- Combines powerful facilities for collecting utilization data and monitoring, logging and reporting resource activities
- Graphs system resource utilization in real time
- Gives you insight into CPU utilization, memory allocation, disk capacity, and more

®IBM, Operating System/2, OS/2, NetView and DB2 are registered trademarks of International Business Machines Corporation. Sytos Plus is a registered trademark of Sytron Corporation.
™SAA, System/370 and SQL/DS are trademarks of International Business Machines Corporation. Windows is a trademark of Microsoft Corporation. i386 is a trademark of Intel Corporation.

Deliverables

Order number	Specification sheets
G221-3212-00	IBM Operating System/2 Version 2.0
G221-3213-00	IBM Extended Services for OS/2 (also includes DDCS/2)
G221-3214-00	IBM Operating System/2 Local Area Network Server Version 2.0
G221-3216-00	IBM System Performance Monitor/2 Version 1.0
G221-3217-00	Sytos Plus File Backup Manager
	Point-of-sale and collateral materials
G326-0169-00	OS/2 2.0 flyer OS/2 2.0 countercard
G326-0170-00	OS/2 2.0 customer overview
G520-6901-00	OS/2 2.0 brochure
	Application briefs
GK20-2408-00	OS/2 and The Illinois Department of Commerce and Community Affairs
GK20-2409-00	The Equitable—using OS/2 to achieve a competitive edge
G326-0154-00	OS/2 and Egghead Discount Software (solution abstract)

Any deliverable with a form number can be ordered by dealers.

Simply send a request to:
IBM Fulfillment Center
P.O. Box 154
Dayton, OH 45401
Or call 1-800-626-9303 between 8:00 a.m. and 4:30 p.m. Eastern Standard Time, Monday through Friday.

© International Business Machines Corporation 1991

IBM United States
Department ZV0
1133 Westchester Avenue
White Plains, NY 10604

Printed in the United States of America
10-91
All Rights Reserved

References in this publication to IBM products or services do not imply that IBM intends to make them available outside the United States.